ANNOTHTED DRAWING

12/22

Figure 11 C

SEQ_ID NO: 26- 19 SEQ ID NO: 28 19 AATTCCCAaTAATC **AATTCCCAaTAATC** TTAAGGGTCATTAG TTAAGGGTCATTAG MW(PA/A) AATTC CCAaTAATC AATTCC CAATAATC TTAAGGGTCAT TAG TTAAGGGTCA **T4 Polymerase** SEQ ID NO: 2420 SEQ ID NO: 28 2/ AATTCCCAgTA CCAaTAATC AATTCCCAgT CAaTAATC TTAAGGGTCAT GGTLATTAG TTAAGGGTCA GTLATTAG SEQ ID NO: 22 20 T4 Ligase SEQ ID NO: 24 2/ AATTCCCAgTCAaTAATC AATTCCCAgTACCAaTAATC TTAAGGGTCATGGTLATTAG TTAAGGGTCAGTLATTAG

DNA Sequencing

ANNOTHTED DRAWING

14/22

Figure 13

T7_endo1

>gi|15581|emb|CAA24402.1| unnamed protein product [Enterobacteria phage T7]
MAGYGAKGIRKVGAFRSGLEDKVSKQLESKGIKFEYEEWKVPYVIPASNHTYTPDFL
LPNGIFVETKGLWESDDRKKHLLIREQHPELDIRIVFSSSRTKLYKGSPTSYGEFCEK
HGIKFADKLIPAEWIKEPKKEVPFDRLKRKGGKK (SEQ ID NO:13)

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ANNOTATED DRAWING

Figure 14-2

>gi|15517|emb|CAA24345.1| unnamed protein product [Enterobacteria phage T7] MAGYGAKGIRKVGAFRSGLEDKVSKQLESKGIKFEYEEWKVPYVIPASNHTYT PDFLLPNGIFVETKGLWESDDRKKHLLIREOHPELDIRIVFSSSRTKLYKGSPTS YGEFCEKHGIKFADKLIPAEWIKEPKKEVPFDRLKRKGGKK (SEQ ID NO:12)

>gi|37956869|gb|AAP34135.1| gene 3 [Enterobacteria phage T7] MAGYSAKGIRKVGAFRSGLEDKVSKQLESKGIKFEYEEWKVPYVIPASNHTYT PDFLLPNGIFVETKGLWESDDRKKHLLIRKQHPELDIRIVFSSSRTKLYKGSPTS YGEFCEKHGIKFADKLIPAEWIKEPKKEVPFDRLKRKGGKK (SEQ ID NO: 24)

>gi|37956815|gb|AAP34082.1| gene 3 [Enterobacteria phage T7] MAGYSAKGIRKVGAFRSGLEDKVSKQLESKGIKFEYEEWKVPYVIPASNHTYT PDFLLPNGIFVETKGLWESDDRKKHLLIRKQHPELDÍRIVFSSSRTKLYKGSPTS YGEFCEKHGIKFADKLIPAEWIKEPKKEVPFDRLKRKGGKK (SEQ ID NO: 24)

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>gi|37956764|gb|AAP34032.1| gene 3 [Enterobacteria phage T7] MVGYGVKGIRKVGAFRSGLEDKVSKQLESKGIKFEYEEWKVPYVIPASNHTYT PDFLLPNGIFVETKGLWESDDRKKHLLIREQHPELDIRIVFSSSRTKLYKGSPTS YGEFCEKHGIKFADKLIPAEWIKEPKKEVSFDRLKRKGGKK (SEQ ID NO:25)

ANNOTATED DRAWING

Figure 14-3

>gi|37956712|gb|AAP33981.1| gene 3 [Enterobacteria phage T7]
MVGYGVKGIRKVGAFRSGLEDKVSKQLESKGIKFEYEEWKVPYVIPASNHTYT
PDFLLPNGIFVETKGLWESDDRKKHLLIREQHPELDIRIVFSSSRTKLYKGSPTS
YGEFCEKHGIKFADKLIPAEWIKEPKKEVSFDRLKRKGGKK (SEQ ID NO:28)

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>gi|30387466|ref|NP_848275.1| endonuclease [Yersinia pestis phage phiA1122]

MAGTYAARGIRKVGTFRSGLEDKVSKQLEGKGIKFDYELWKIPYVVPASNHVY TPDFLLPNGIFIETKGLWESDDRKKHLLIREQFPELDIRLVFSSSRTKLYKGSPT SYGEWCEKHGILFADKLIPVEWLKEPKKEVPFDRLKQAKGGKK (SEQ ID NO:13)

>gi|30314103|gb|AAP20511.1| endonuclease [Yersinia pestis phage phiA1122]

MAGTYAARGIRKVGTFRSGLEDKVSKQLEGKGIKFDYELWKIPYVVPASNHVY TPDFLLPNGIFIETKGLWESDDRKKHLLIREQFPELDIRLVFSSSRTKLYKGSPT SYGEWCEKHGILFADKLIPVEWLKEPKKEVPFDRLKQAKGGKK (SEQ ID NO:13)

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